SEQUENCE LISTING

(1) GENERAL INFORMATION:

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    (ii) TITLE OF INVENTION: Plasmids For Plant Transformation And
           Method For Using The Same

    (iii) NUMBER OF SEQUENCES: 19

    (iv) CORRESPONDENCE ADDRESS:
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        (F) ZIP: 19850

    (v) COMPUTER READABLE FORM:
        (A) MEDIUM TYPE: Floppy disk
        (B) COMPUTER: IBM PC compatible
        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
        (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

    (vi) CURRENT APPLICATION DATA:
        (A) APPLICATION NUMBER: US 09/469,812
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        (C) CLASSIFICATION:

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        (A) APPLICATION NUMBER: EP 97201990.5
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        (A) APPLICATION NUMBER: PCT/EP98/04171
        (B) FILING DATE: 29-JUN-1998

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        (B) REGISTRATION NUMBER: 33,712
        (C) REFERENCE/DOCKET NUMBER: MOG 57688/UST

    (ix) TELECOMMUNICATION INFORMATION:
        (A) TELEPHONE: (302) 886-1699

(2) INFORMATION FOR SEQ ID NO: 1:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 21 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: NO

        (iii) ANTI-SENSE: NO

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GATGGCAAAC GCTAATAAGG G   21

(2) INFORMATION FOR SEQ ID NO: 2:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 21 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

        (ii) MOLECULE TYPE: cDNA

        (iii) HYPOTHETICAL: NO

        (iii) ANTI-SENSE: NO

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

GAGCGGGTTT AACCTACTTC C   21

(2) INFORMATION FOR SEQ ID NO: 3:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 39 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

        (ii) MOLECULE TYPE: cDNA

        (iii) HYPOTHETICAL: NO

        (iii) ANTI-SENSE: NO

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

CTGTTGTCGA CGGCTGGCTG GTGGCAGGAT ATATTGTGG   39

(2) INFORMATION FOR SEQ ID NO: 4:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 38 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

        (ii) MOLECULE TYPE: cDNA

        (iii) HYPOTHETICAL: NO

        (iii) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CCAGCCGTCG ACAACAGCTC CCCGACCGGC AGCTCGGC   38

(2) INFORMATION FOR SEQ ID NO: 5:

    (i) SEQUENCE CHARACTERISTICS:
       (A) LENGTH: 44 base pairs
       (B) TYPE: nucleic acid
       (C) STRANDEDNESS: single
       (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: cDNA

   (iii) HYPOTHETICAL: NO

   (iii) ANTI-SENSE: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

TCGACGGGGT GCCTGGGGCG GTGGCGGGGC GGGCCGGGGC GTGC   44

(2) INFORMATION FOR SEQ ID NO: 6:

    (i) SEQUENCE CHARACTERISTICS:
       (A) LENGTH: 44 base pairs
       (B) TYPE: nucleic acid
       (C) STRANDEDNESS: single
       (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: cDNA

   (iii) HYPOTHETICAL: NO

   (iii) ANTI-SENSE: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

TCGAGCACGC CCCGGCCCGC CCCGCCACCG CCCCAGGCAC CCCG   44

(2) INFORMATION FOR SEQ ID NO: 7:

    (i) SEQUENCE CHARACTERISTICS:
       (A) LENGTH: 23 base pairs
       (B) TYPE: nucleic acid
       (C) STRANDEDNESS: double
       (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: cDNA

   (iii) HYPOTHETICAL: NO

   (iii) ANTI-SENSE: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

TTCTCGAGAG GGTCGGTTAC TCG   23

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 23 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

       (ii) MOLECULE TYPE: cDNA

      (iii) HYPOTHETICAL: NO

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

TTGTCGACTC CAAGACGCCG AGC   23

(2) INFORMATION FOR SEQ ID NO: 9:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 28 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

       (ii) MOLECULE TYPE: cDNA

      (iii) HYPOTHETICAL: NO

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

AATTCAGATC TCCATGGATC GATGAGCT   28

(2) INFORMATION FOR SEQ ID NO: 10:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 20 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

       (ii) MOLECULE TYPE: cDNA

      (iii) HYPOTHETICAL: NO

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

CATCGATCCA TGGAGATCTG   20

(2) INFORMATION FOR SEQ ID NO: 11:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 12 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

       (ii) MOLECULE TYPE: cDNA

      (iii) HYPOTHETICAL: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

GATCGGTCGA CC   12

(2) INFORMATION FOR SEQ ID NO: 12:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 23 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: cDNA

    (iii) HYPOTHETICAL: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

GACGCTAAAG GCAAACTTGA TTC   23

(2) INFORMATION FOR SEQ ID NO: 13:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 23 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: cDNA

    (iii) HYPOTHETICAL: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

TTAACCTACT TCCTTTGGTT CCG   23

(2) INFORMATION FOR SEQ ID NO: 14:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 23 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: cDNA

    (iii) HYPOTHETICAL: NO

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

AGCGGCCCAT TTTAGTAGAC GGG   23

(2) INFORMATION FOR SEQ ID NO: 15:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 28 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

         (ii) MOLECULE TYPE: cDNA

        (iii) HYPOTHETICAL: NO

         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

ATCAATTCGA ACCCCAGAGT CCCGTCCA   28

(2) INFORMATION FOR SEQ ID NO: 16:

          (i) SEQUENCE CHARACTERISTICS:
                    (A) LENGTH: 21 base pairs
                    (B) TYPE: nucleic acid
                    (C) STRANDEDNESS: single
                    (D) TOPOLOGY: linear

         (ii) MOLECULE TYPE: cDNA

        (iii) HYPOTHETICAL: NO

         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

CTGGATCGTT TCGCATGATT G   21

(2) INFORMATION FOR SEQ ID NO: 17:

          (i) SEQUENCE CHARACTERISTICS:
                    (A) LENGTH: 27 base pairs
                    (B) TYPE: nucleic acid
                    (C) STRANDEDNESS: single
                    (D) TOPOLOGY: linear

         (ii) MOLECULE TYPE: cDNA

        (iii) HYPOTHETICAL: NO

         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

CCAACTTATC AGTGATAAAG AATCCGC   27

(2) INFORMATION FOR SEQ ID NO: 18:

          (i) SEQUENCE CHARACTERISTICS:
                    (A) LENGTH: 27 base pairs
                    (B) TYPE: nucleic acid
                    (C) STRANDEDNESS: single
                    (D) TOPOLOGY: linear

         (ii) MOLECULE TYPE: cDNA

        (iii) HYPOTHETICAL: NO

         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

GAGATCAGAT TGTCGTTTCC CGCCTTC   27

(2) INFORMATION FOR SEQ ID NO:19:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 12 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

   (ii) MOLECULE TYPE: cDNA

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:

TNCAATTGAA AY   12